Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-02-03-93** **Date: 23/11/2019**

: Improvements CC Roads and Darin and Slabs at Agrahara Layout in Ward No.05 Byatarayanapura Project Sub Division.

: Executive Engineer, Karnataka Rural Infrastructure Development Ltd, #280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagara, Bangalore-560010

: EE(Project)Ynk Zone/WO/66/2019-20

: 18-11-19

: Drain Bottom Concrete

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 23/11/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Concrete	M20	16/11/2019	23/11/2019	149.78 X 149.10 X 149.25	22332	**8.982**	420.8	18.8	18.7
Drain Bottom Concrete	M20	16/11/2019	23/11/2019	150.24 X 150.61 X 151.22	22627	**8.699**	412.4	18.2	
Drain Bottom Concrete	M20	16/11/2019	23/11/2019	149.88 X 151.11 X 149.52	22649	**8.679**	429.9	19.0	

Asst. Executive Engineer
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TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-02-03-93** **Date: 14/12/2019**

: Improvements CC Roads and Darin and Slabs at Agrahara Layout in Ward No.05 Byatarayanapura Project Sub Division.

: Executive Engineer, Karnataka Rural Infrastructure Development Ltd, #280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagara, Bangalore-560010

: EE(Project)Ynk Zone/WO/66/2019-20

: 18-11-19

: Drain Bottom Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 14/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	151.38 X 149.83 X 149.80	22681	8.944	537.3	23.7	23.5
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	151.29 X 150.01 X 151.36	22694	8.448	519.1	22.9	
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	150.25 X 149.49 X 150.61	22462	8.850	537.6	23.9	

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: Drain Bottom Concrete

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

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: 23/11/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Concrete	M20	16/11/2019	23/11/2019	151.39 X 149.69 X 151.44	22661	**8.982**	420.5	18.6	18.5
Drain Bottom Concrete	M20	16/11/2019	23/11/2019	149.11 X 151.09 X 150.64	22529	**8.699**	414.7	18.4	
Drain Bottom Concrete	M20	16/11/2019	23/11/2019	150.80 X 150.49 X 151.73	22695	**8.679**	423.0	18.6	

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: Drain Bottom Concrete

: 150X150X150 mm

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: 14/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	150.83 X 150.31 X 150.74	22670	**8.944**	521.6	23.0	22.9
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	149.79 X 150.69 X 149.96	22572	**8.448**	504.9	22.4	
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	151.70 X 151.19 X 149.68	22935	**8.850**	532.7	23.2	

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: Drain Bottom Concrete

: 150X150X150 mm

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: 14/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	150.83 X 150.31 X 150.74	22670	**8.944**	521.6	23.0	22.9
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	149.79 X 150.69 X 149.96	22572	**8.448**	504.9	22.4	
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	151.70 X 151.19 X 149.68	22935	**8.850**	532.7	23.2	

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: 23/11/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Concrete	M20	16/11/2019	23/11/2019	150.30 X 150.45 X 151.73	22613	**8.982**	422.9	18.7	18.8
Drain Bottom Concrete	M20	16/11/2019	23/11/2019	151.93 X 150.14 X 150.62	22810	**8.699**	426.3	18.7	
Drain Bottom Concrete	M20	16/11/2019	23/11/2019	149.22 X 150.02 X 150.38	22386	**8.679**	424.1	18.9	

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: Drain Bottom Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

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Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	150.48 X 150.63 X 149.70	22668	**8.944**	537.1	23.7	23.2
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	149.48 X 149.21 X 150.49	22303	**8.448**	498.5	22.3	
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	150.17 X 149.33 X 149.13	22425	**8.850**	531.4	23.7	

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Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Concrete	M20	16/11/2019	23/11/2019	151.23 X 150.21 X 149.50	22717	**8.982**	413.5	18.2	18.5
Drain Bottom Concrete	M20	16/11/2019	23/11/2019	151.87 X 149.13 X 150.86	22648	**8.699**	429.8	19.0	
Drain Bottom Concrete	M20	16/11/2019	23/11/2019	149.83 X 150.78 X 150.86	22592	**8.679**	414.1	18.3	

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: Drain Bottom Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

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: 14/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	149.72 X 151.85 X 151.64	22735	**8.944**	526.9	23.2	23.2
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	151.09 X 151.00 X 150.36	22814	**8.448**	522.9	22.9	
Drain Bottom Concrete	M20	16/11/2019	14/12/2019	149.57 X 150.14 X 150.61	22457	**8.850**	527.5	23.5	

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TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-02-03-93 **Date: 28/11/2019**

: Improvements CC Roads and Darin and Slabs at Agrahara Layout in Ward No.05 Byatarayanapura Project Sub Division.

: Executive Engineer, Karnataka Rural Infrastructure Development Ltd, #280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagara, Bangalore-560010

: EE(Project)Ynk Zone/WO/66/2019-20

: 23-11-19

: Drain SideWall Concrete

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 28/11/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain SideWall Concrete	M20	21/11/2019	28/11/2019	151.41 X 149.49 X 150.11	22634	**8.982**	415.8	18.4	18.2
Drain SideWall Concrete	M20	21/11/2019	28/11/2019	150.52 X 149.89 X 150.17	22561	**8.699**	412.6	18.3	
Drain SideWall Concrete	M20	21/11/2019	28/11/2019	151.72 X 149.29 X 150.43	22651	**8.679**	409.5	18.1	

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: Executive Engineer, Karnataka Rural Infrastructure Development Ltd, #280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagara, Bangalore-560010

: EE(Project)Ynk Zone/WO/66/2019-20

: 23-11-19

: Drain SideWall Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 19/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain SideWall Concrete	M20	21/11/2019	19/12/2019	151.56 X 150.32 X 151.57	22782	**8.944**	539.8	23.7	23.0
Drain SideWall Concrete	M20	21/11/2019	19/12/2019	150.40 X 151.01 X 151.72	22712	**8.448**	500.3	22.0	
Drain SideWall Concrete	M20	21/11/2019	19/12/2019	151.33 X 150.29 X 149.40	22743	**8.850**	530.7	23.3	

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: Drain SideWall Concrete

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

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: 28/11/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain SideWall Concrete	M20	21/11/2019	28/11/2019	150.25 X 151.80 X 151.43	22808	**8.982**	419.2	18.4	18.4
Drain SideWall Concrete	M20	21/11/2019	28/11/2019	151.76 X 151.61 X 149.05	23008	**8.699**	429.6	18.7	
Drain SideWall Concrete	M20	21/11/2019	28/11/2019	150.84 X 150.39 X 151.42	22685	**8.679**	409.0	18.0	

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Reference : EE(Project)Ynk Zone/WO/66/2019-20

: 23-11-19

: Drain SideWall Concrete

Type/Size : 150X150X150 mm

grade/Age : M20 / 28 Days Compressive Strength

BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 19/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain SideWall Concrete	M20	21/11/2019	19/12/2019	150.67 X 149.19 X 150.75	22478	**8.944**	525.8	23.4	23.0
Drain SideWall Concrete	M20	21/11/2019	19/12/2019	149.93 X 151.31 X 150.65	22686	**8.448**	502.6	22.2	
Drain SideWall Concrete	M20	21/11/2019	19/12/2019	149.99 X 150.36 X 151.49	22553	**8.850**	532.2	23.6	

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: 23-11-19

: Drain SideWall Concrete

Size : 150X150X150 mm

Age : M20 / 7 Days Compressive Strength

BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 28/11/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
SideWall Concrete	M20	21/11/2019	28/11/2019	150.44 X 151.63 X 149.60	22810	**8.982**	426.5	18.7	18.4
SideWall Concrete	M20	21/11/2019	28/11/2019	151.44 X 151.96 X 149.77	23013	**8.699**	416.6	18.1	
SideWall Concrete	M20	21/11/2019	28/11/2019	149.81 X 151.04 X 151.21	22627	**8.679**	414.0	18.3	

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Reference : EE(Project)Ynk Zone/WO/66/2019-20

: 23-11-19

: Drain SideWall Concrete

Type: Size : 150X150X150 mm

: M20 / 28 Days Compressive Strength

IS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 19/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain SideWall Concrete	M20	21/11/2019	19/12/2019	149.51 X 151.87 X 150.84	22706	**8.944**	528.8	23.3	23.1
Drain SideWall Concrete	M20	21/11/2019	19/12/2019	151.68 X 150.65 X 151.42	22851	**8.448**	505.6	22.1	
Drain SideWall Concrete	M20	21/11/2019	19/12/2019	151.55 X 150.27 X 150.70	22773	**8.850**	545.6	24.0	

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